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(54) **ASSEMBLY UNIT**

(57)Abstract:

**PROBLEM TO BE SOLVED:** To provide an assembly unit which can cope with the increase of production and the change of specifications of parts, and has high productive efficiency.

**SOLUTION:** The assembly unit 1 is provided with a part supply station 2 for supplying parts to a required carrier palette 5 by a worker 8, a part assembly station 3 for assembling the parts on the carrier palette 5 by assembly robots R1, R2, and a carrier means 4 for carrying the carrier palette 5 from the part supply station 2 to the part assembly station 3. When the assembly robots R1, R2 have finished to assemble the parts on a certain carrier palette 5 at their working positions A1, A2, the carrier means 4 carries the carrier palette 5 out of the working positions A1, A2, and at the same time, carries the next carrier palette 5 following the preceding carrier palette 5 in the working positions A1, A2.

